

FIG. 1

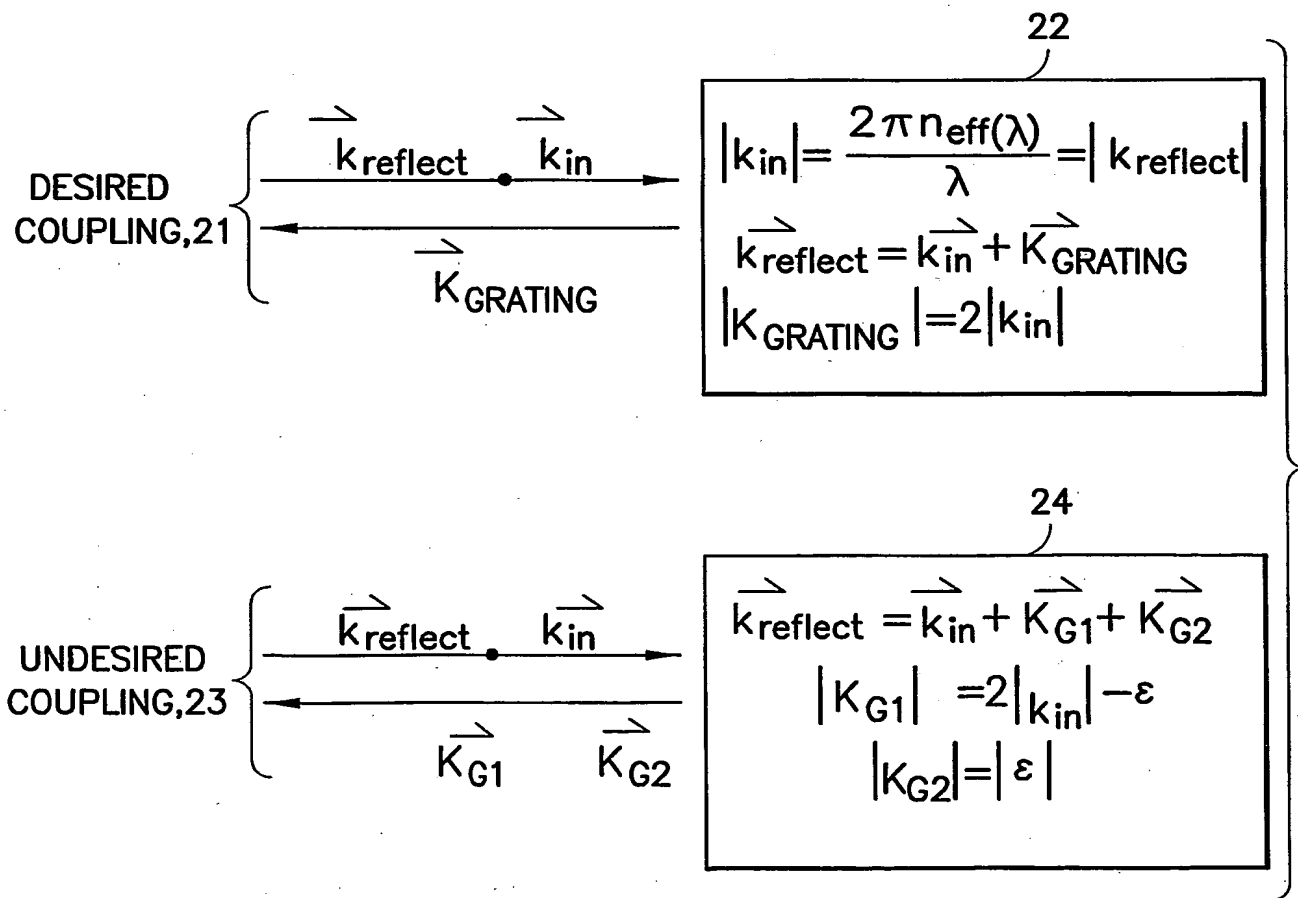


FIG. 2

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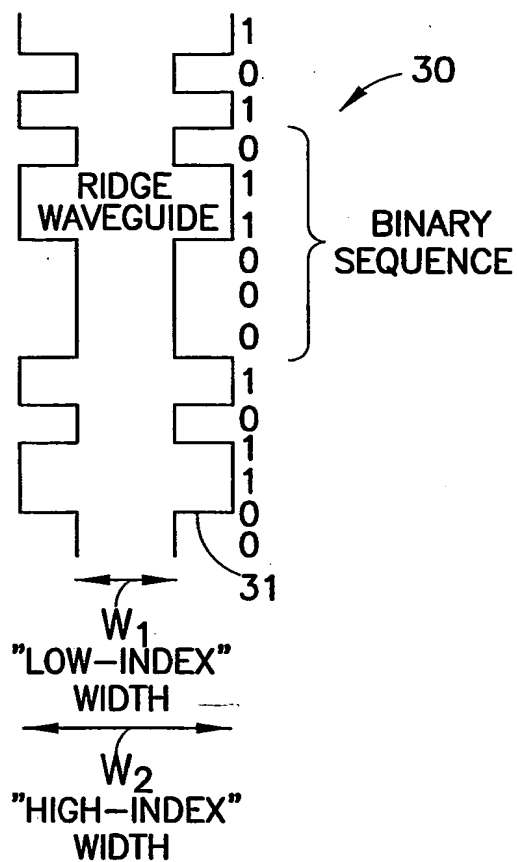


FIG. 3

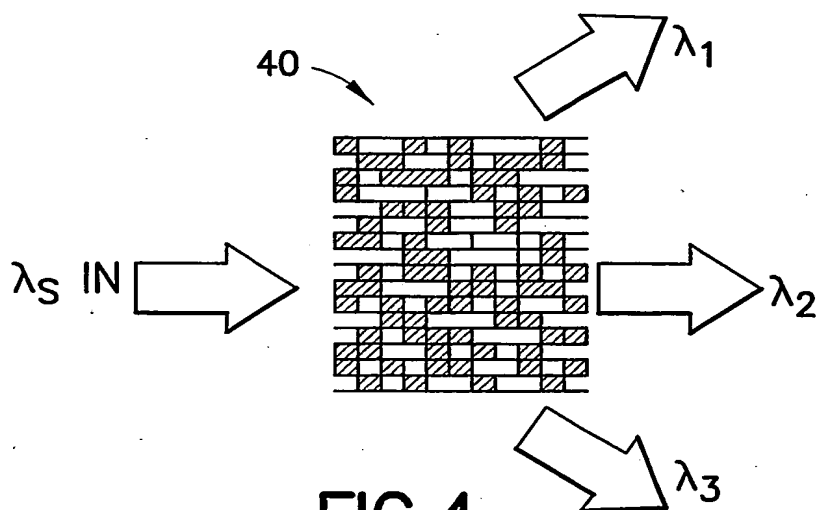


FIG. 4

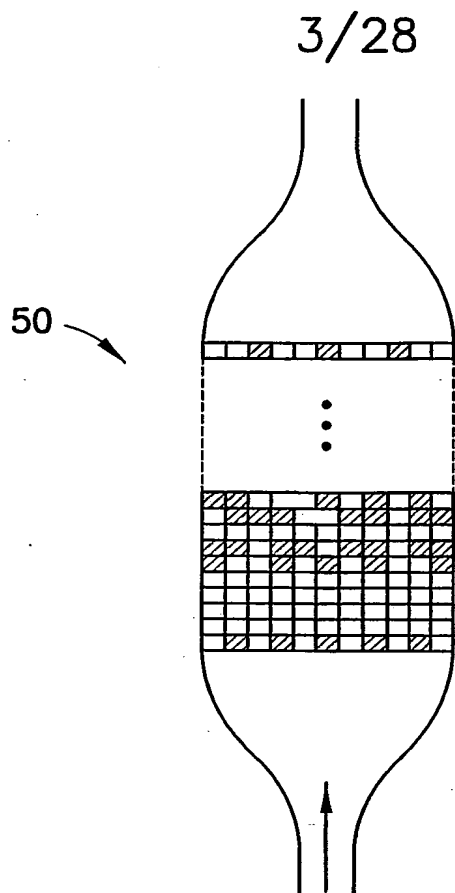


FIG. 5

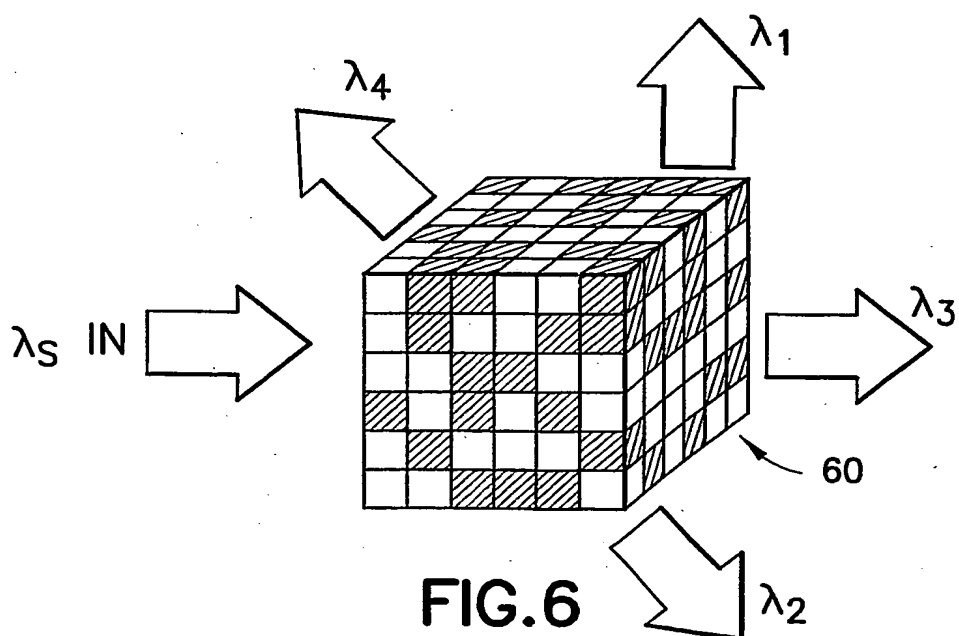


FIG. 6

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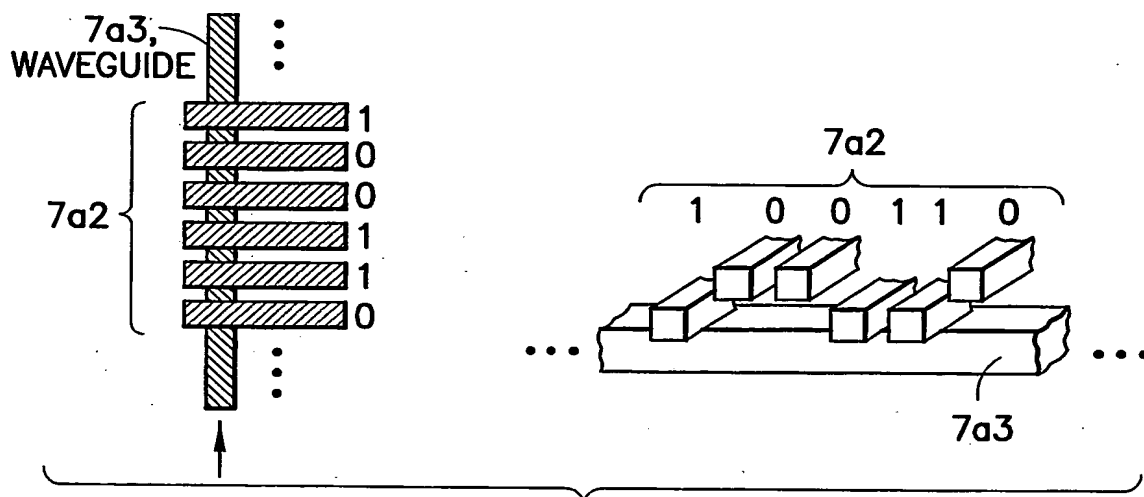


FIG. 7a

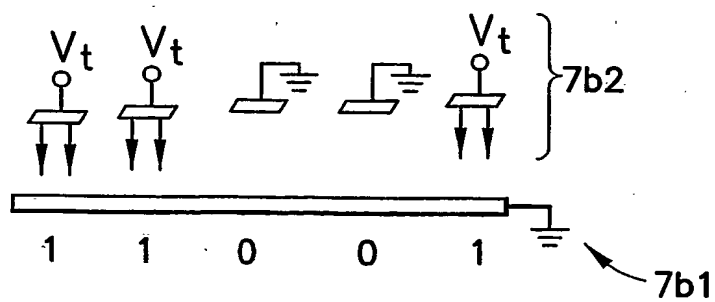


FIG. 7b

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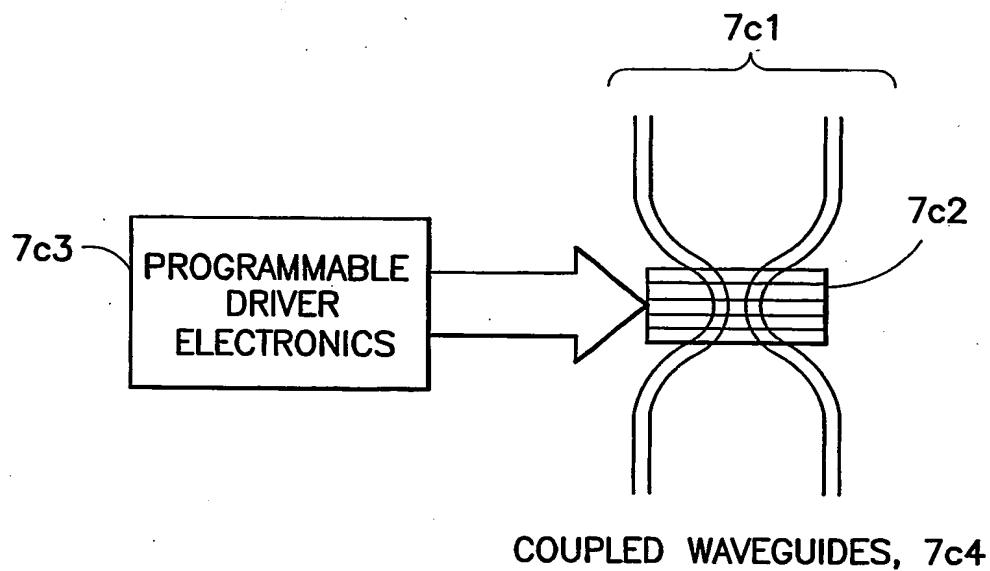


FIG.7c

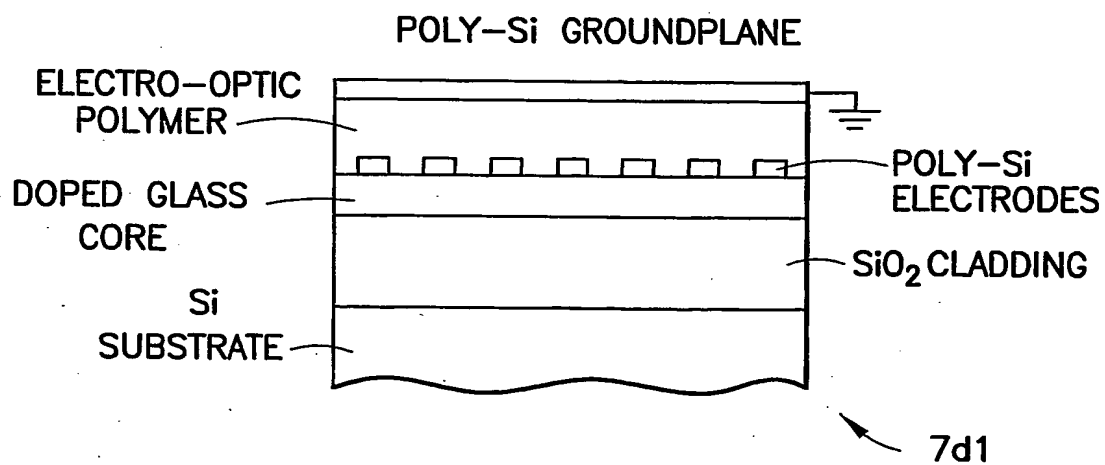
PROGRAMMABLE SUPERGRADING EMPLOYING
ELECTRO-OPTIC POLYMER

FIG.7d

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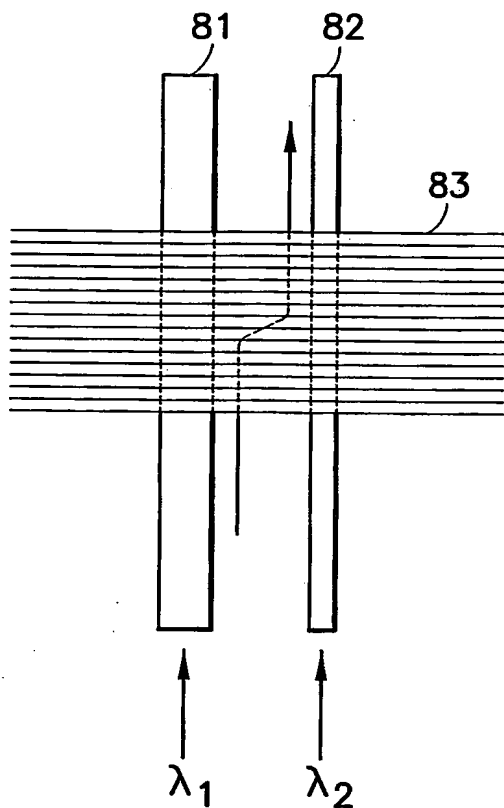


FIG. 8

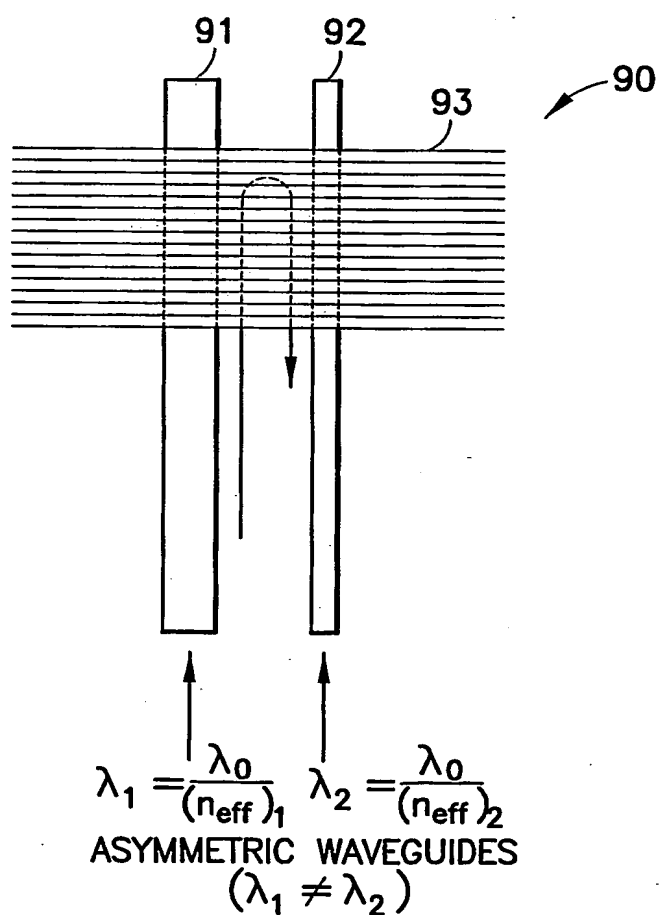


FIG. 9

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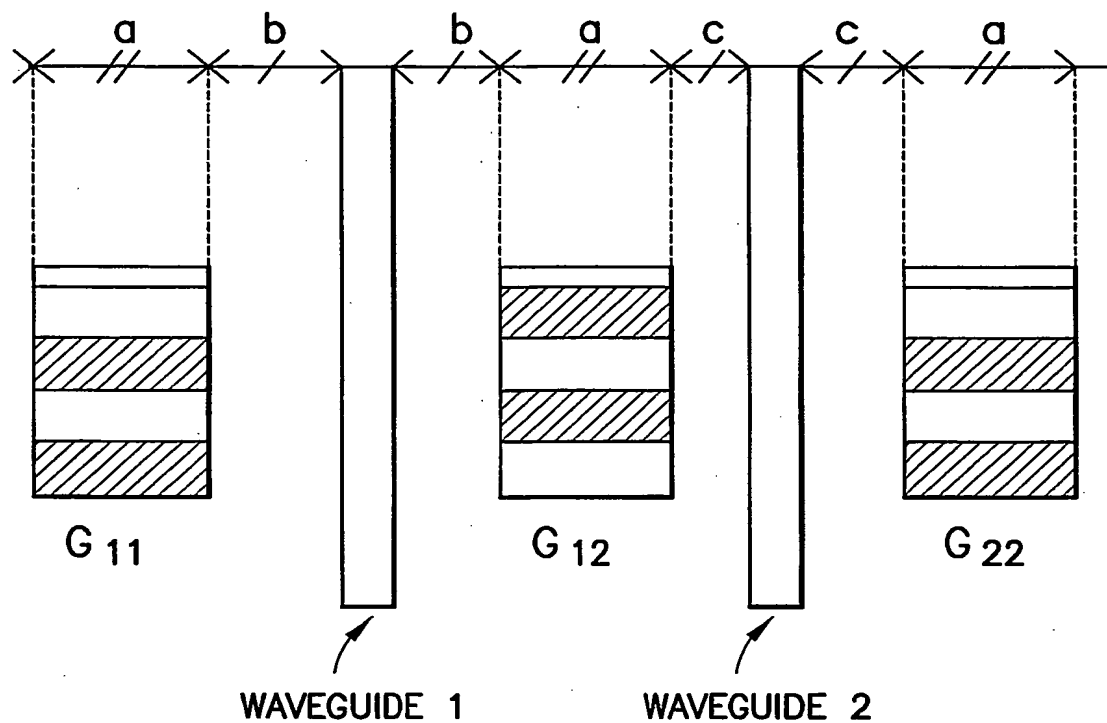


FIG.10

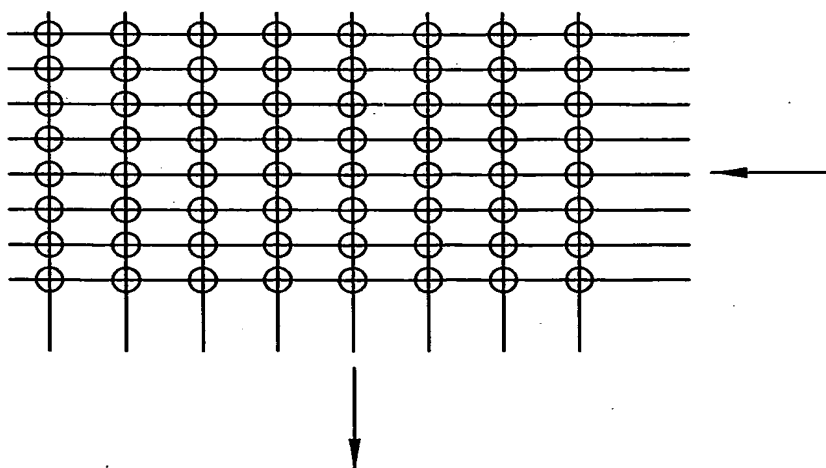


FIG.11

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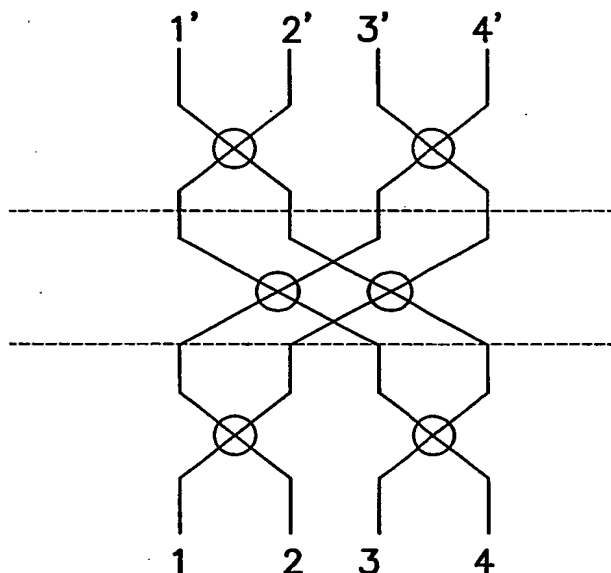


FIG. 12

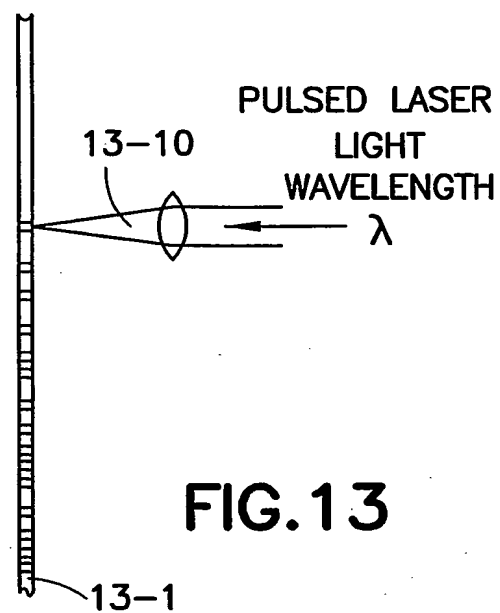


FIG. 13

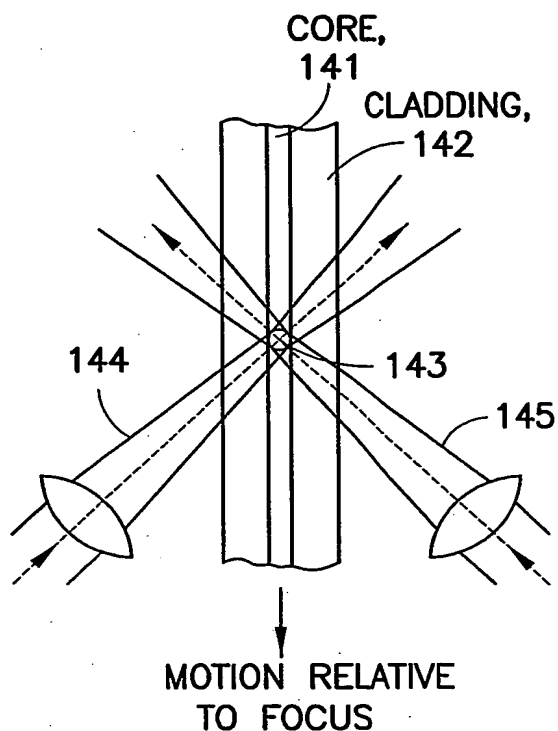


FIG. 14

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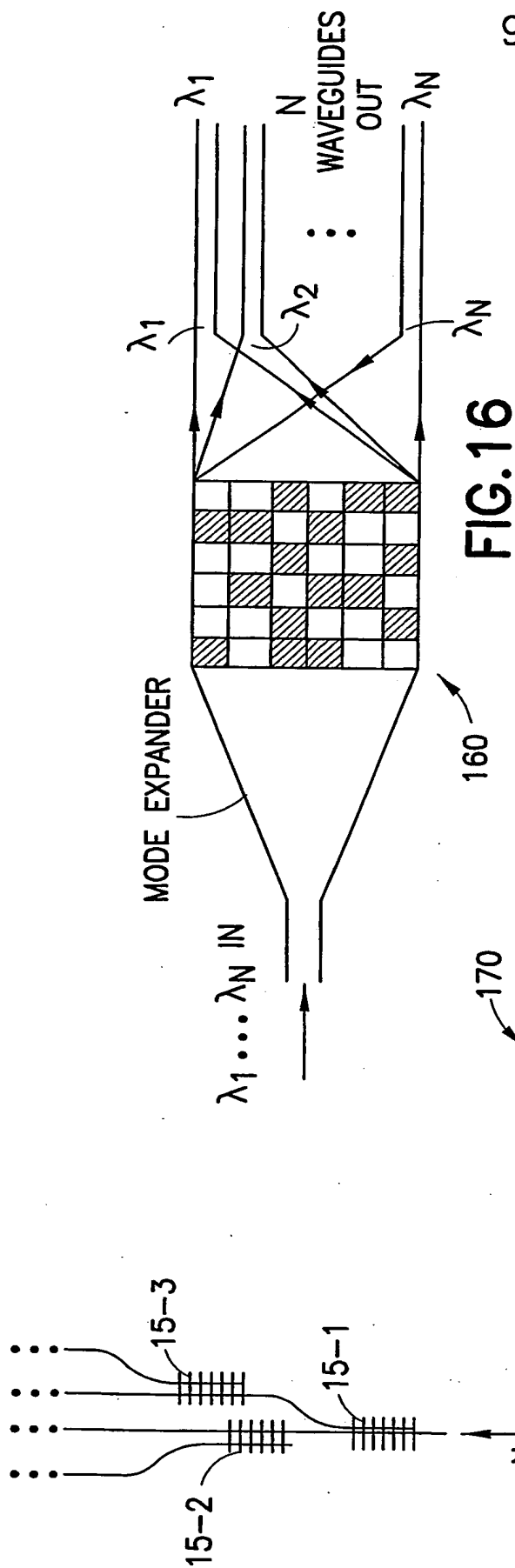


FIG. 16

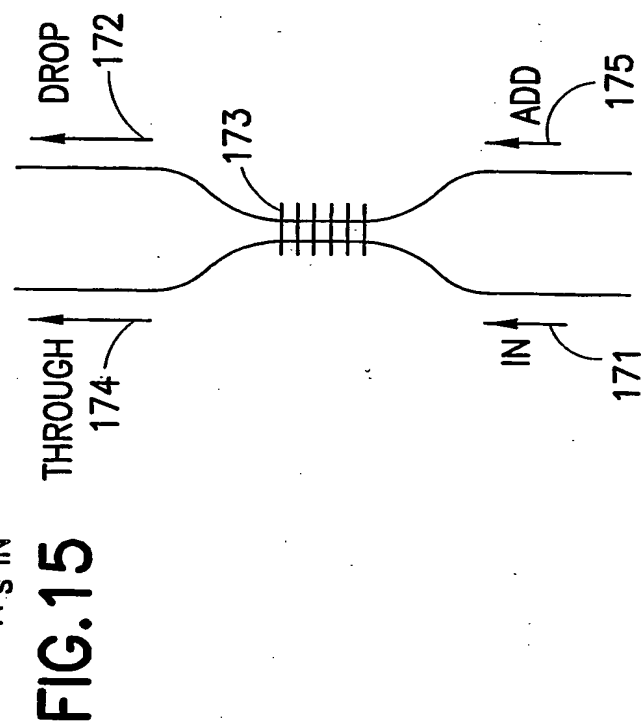


FIG. 17

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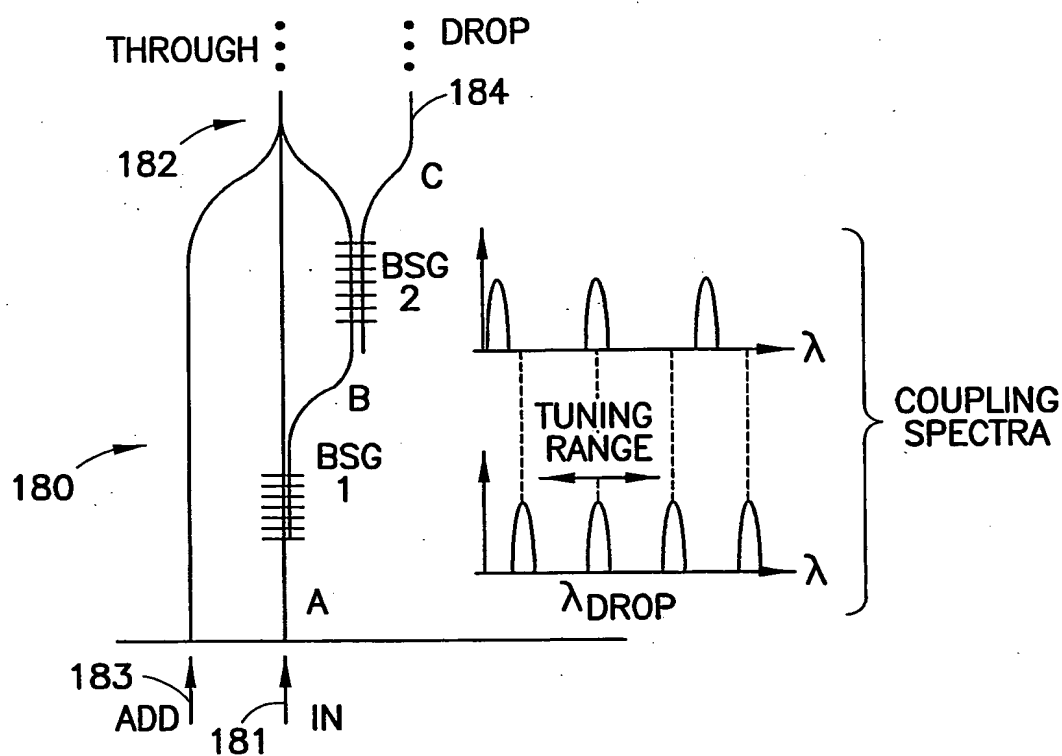


FIG. 18

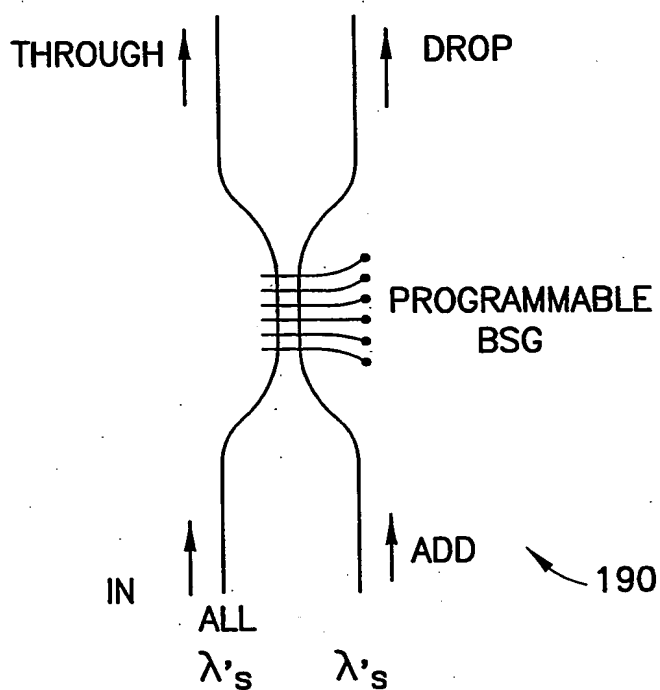


FIG. 19

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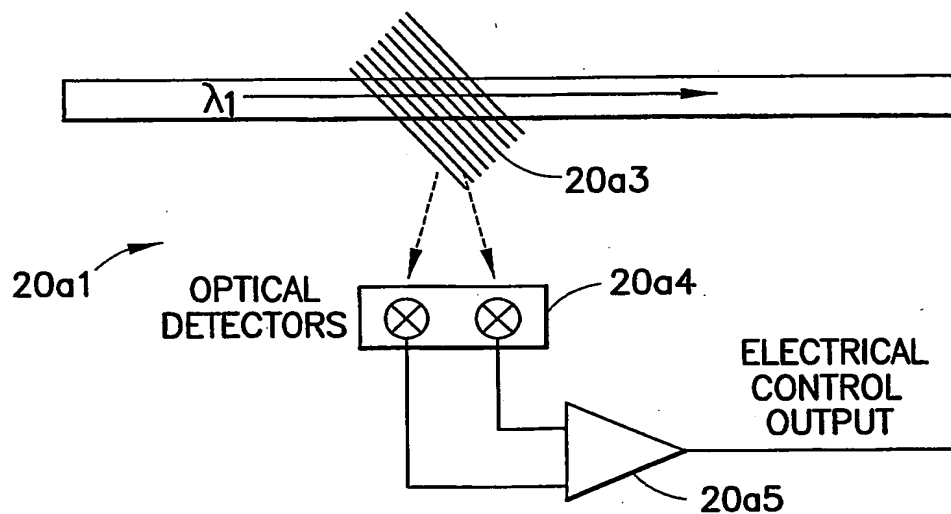


FIG. 20a

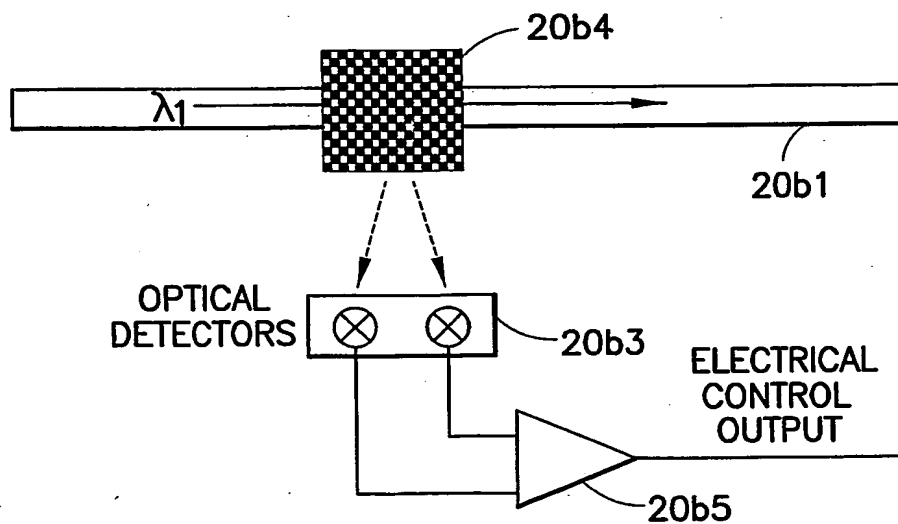


FIG. 20b

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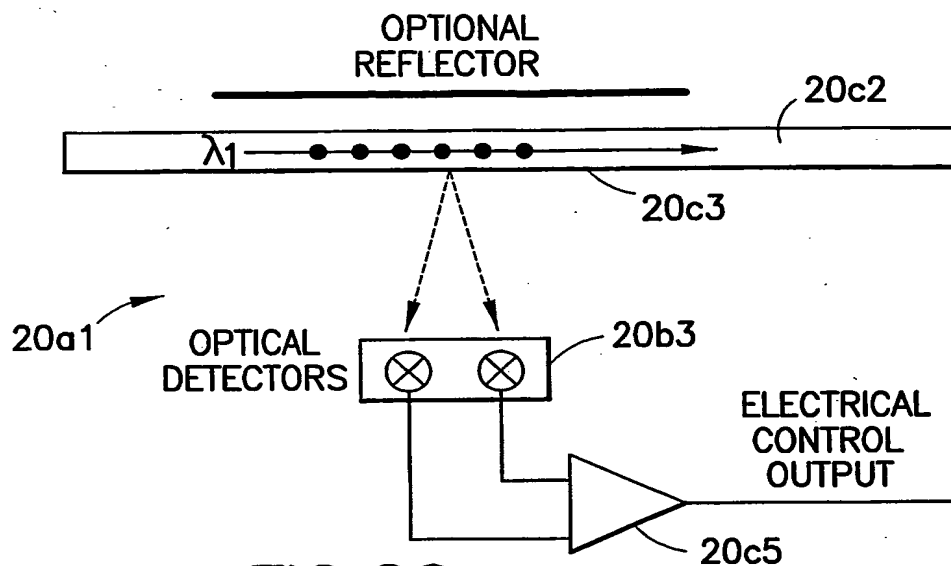


FIG.20c

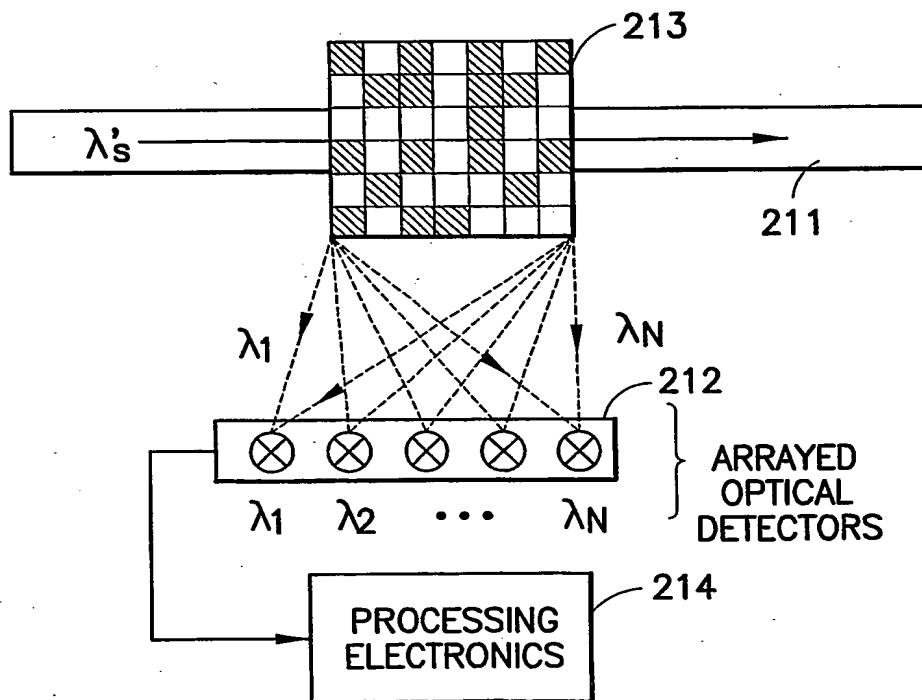


FIG.21

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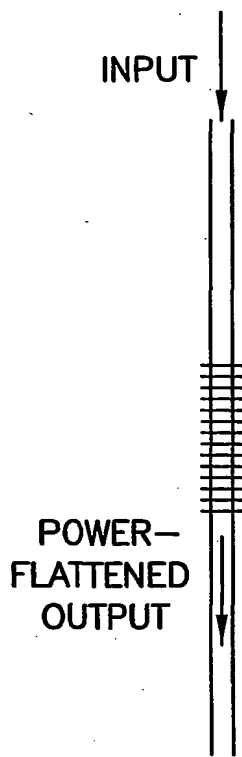
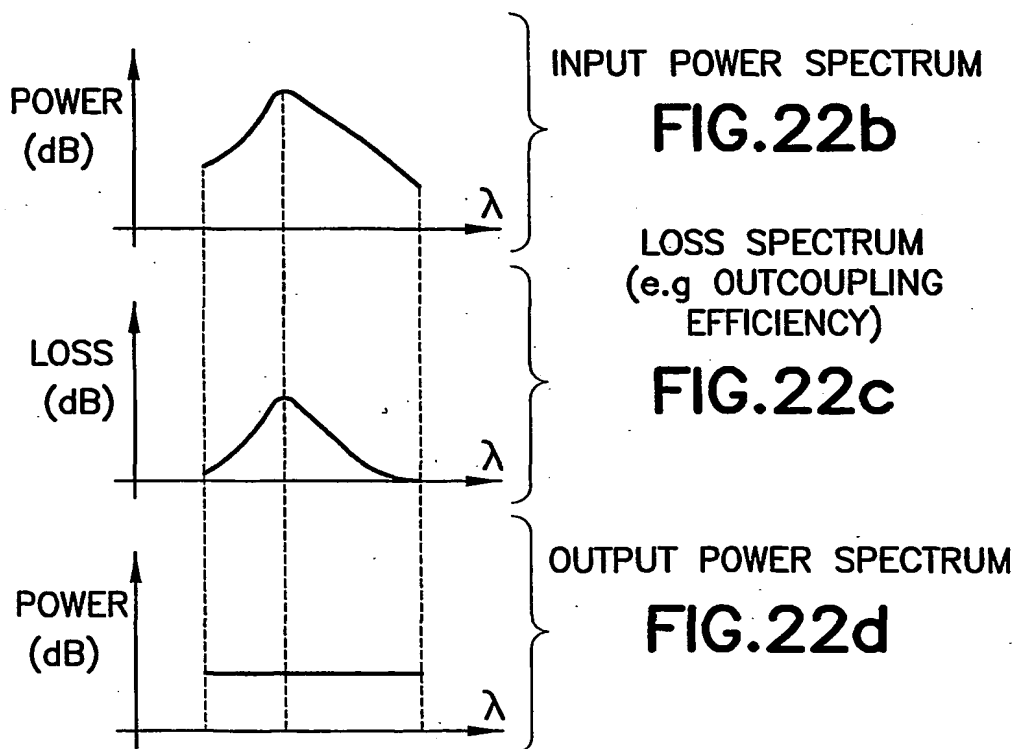


FIG.22a



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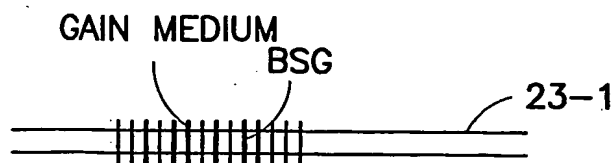
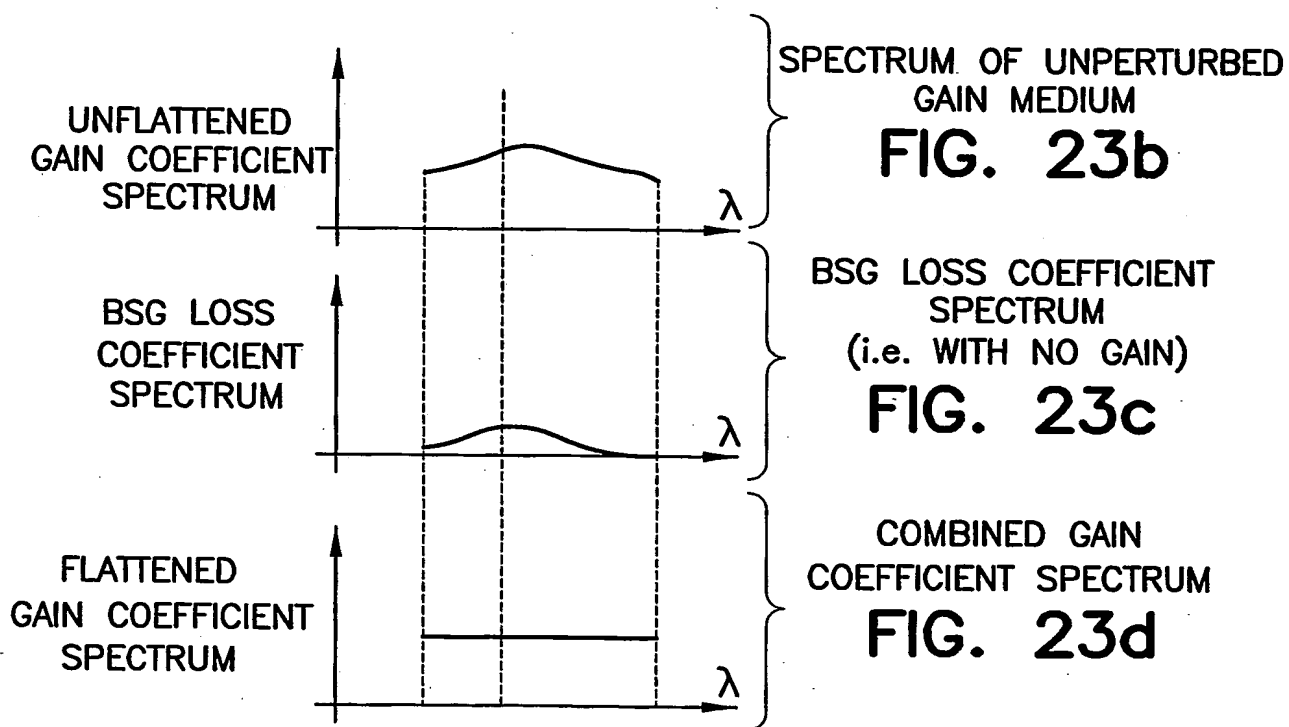


FIG. 23a



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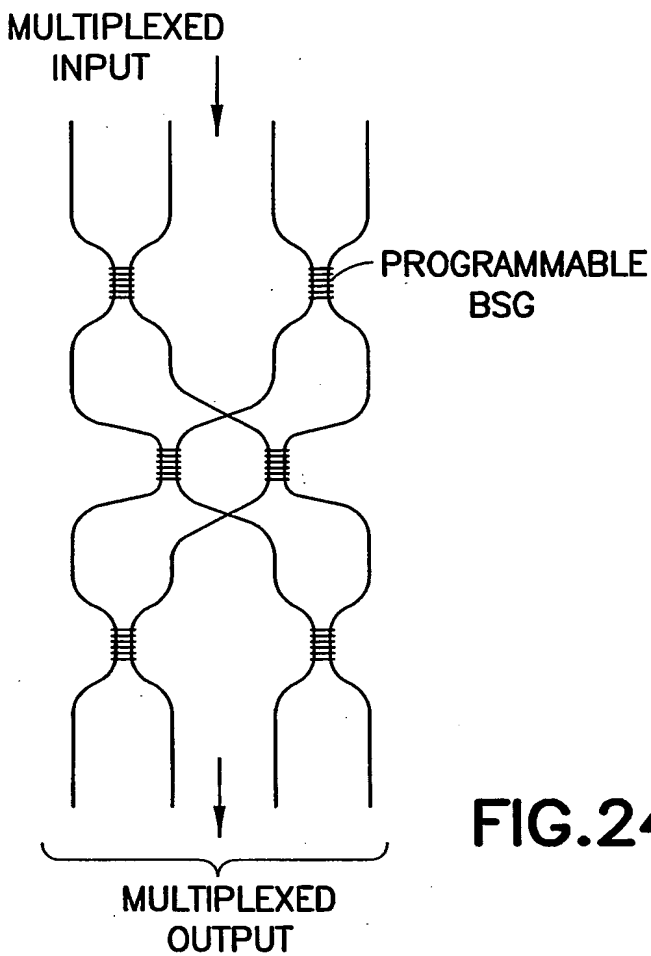


FIG.24a

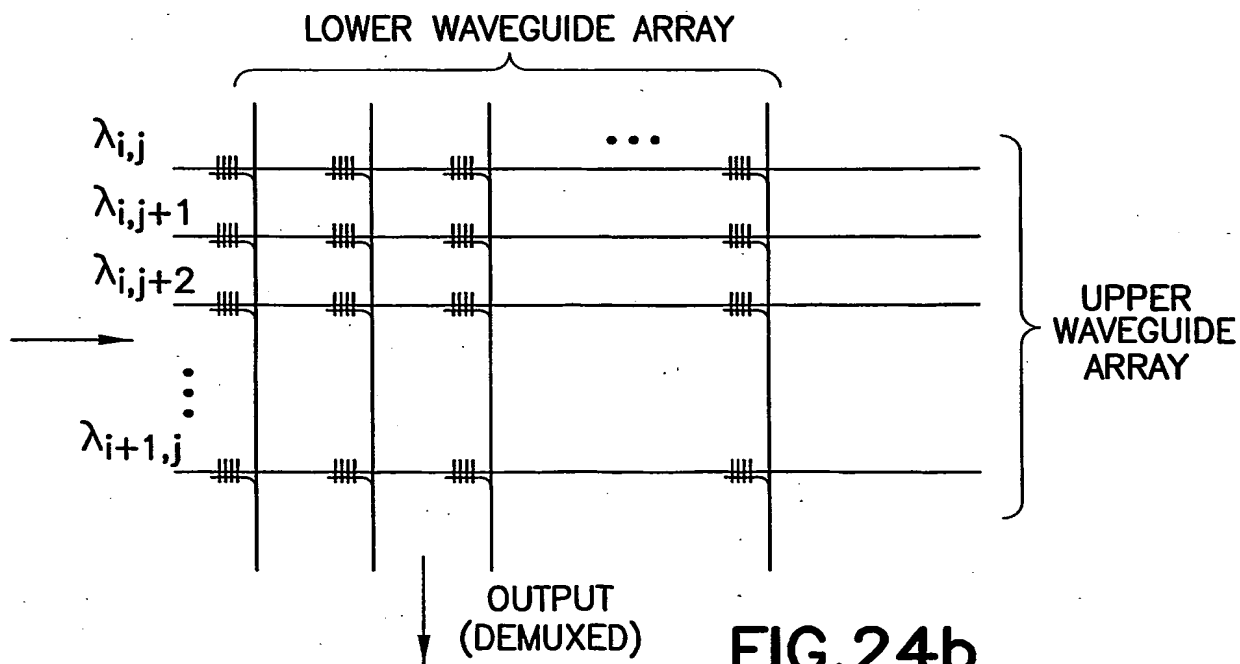


FIG.24b

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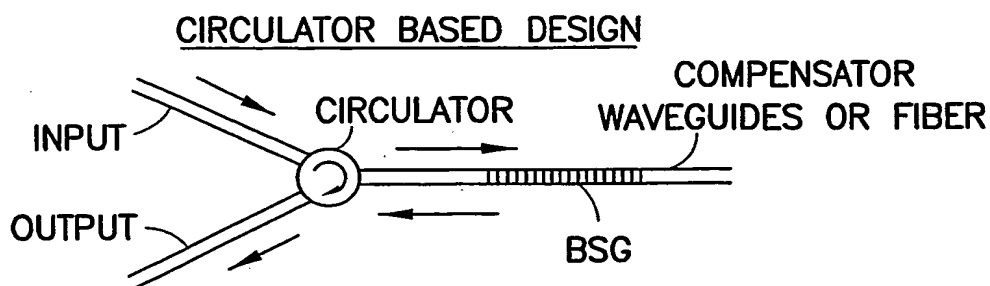


FIG.25a

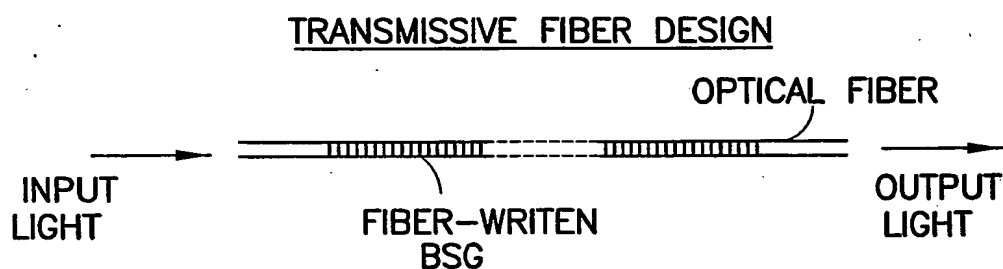


FIG.25b

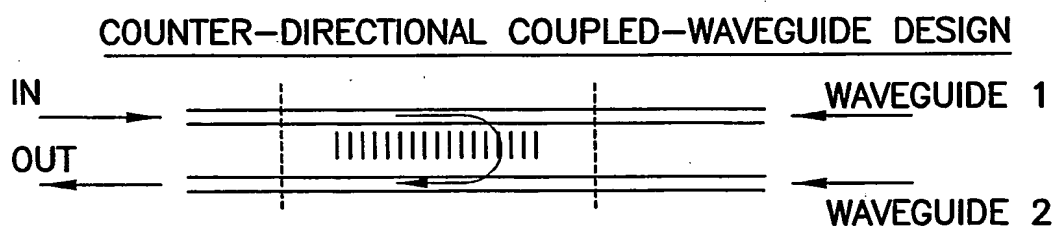


FIG.25c

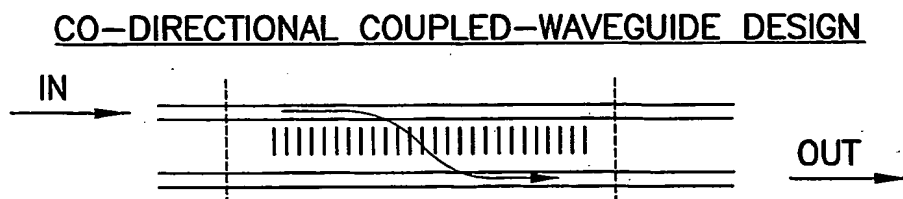


FIG.25d

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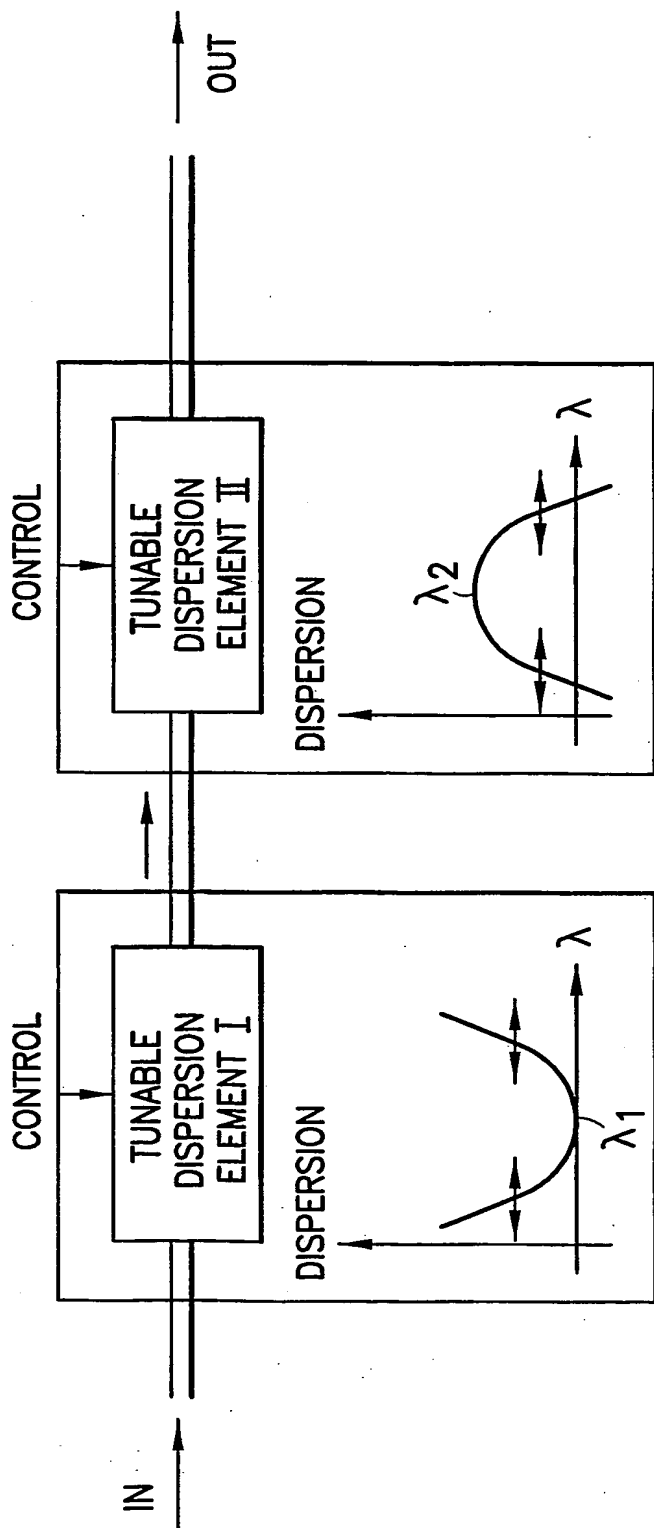


FIG. 26a

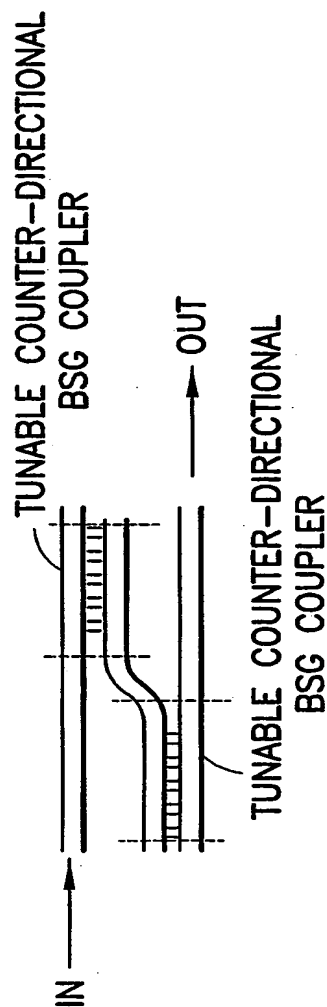


FIG. 26b

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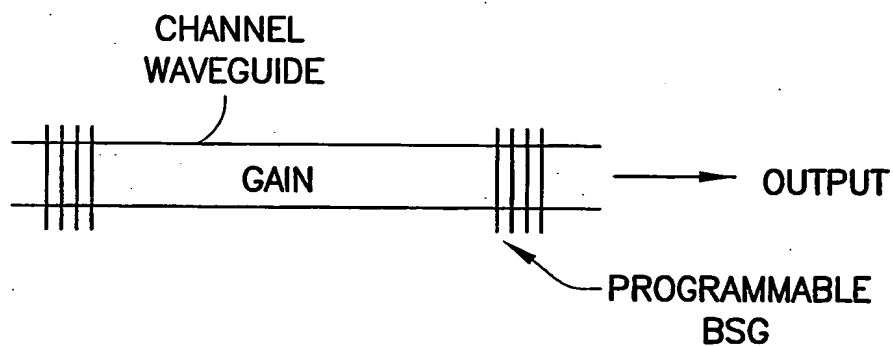


FIG.27a

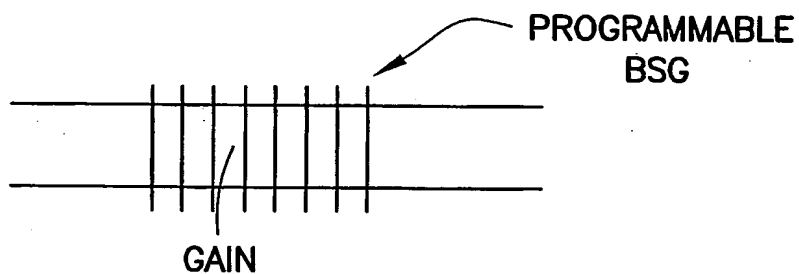


FIG.27b

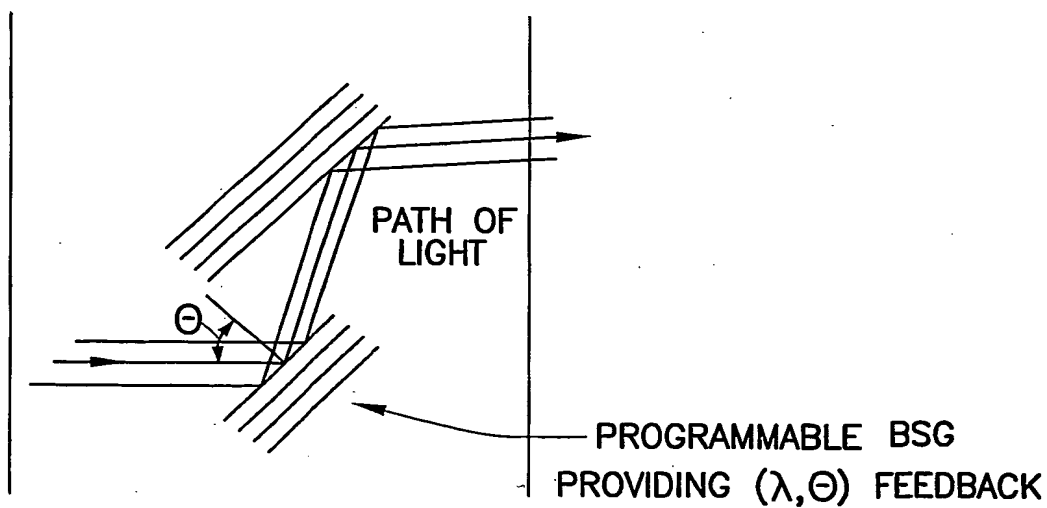


FIG.27c

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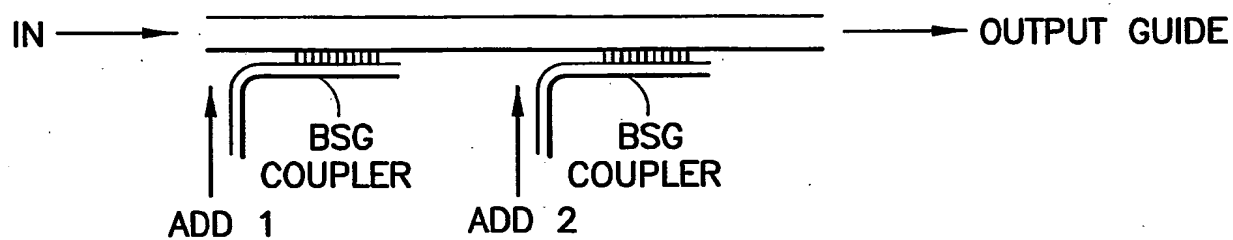


FIG.28a

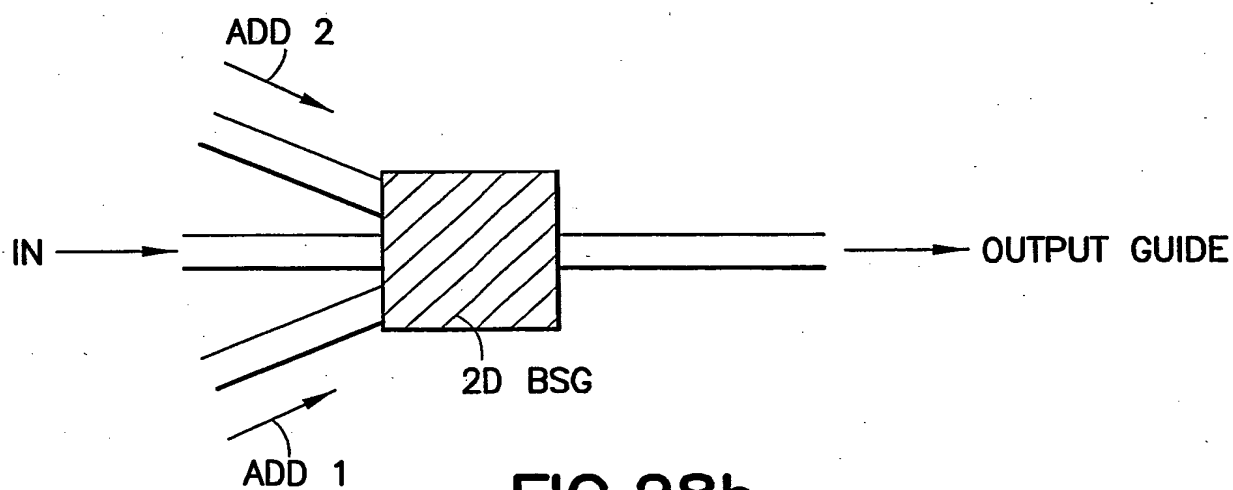


FIG.28b

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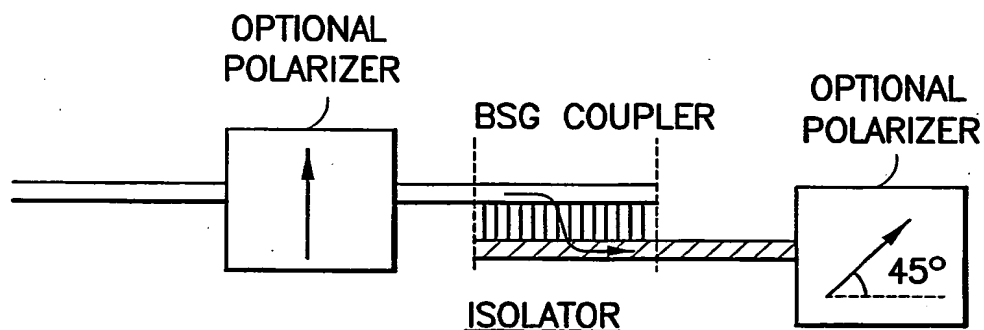


FIG.29a

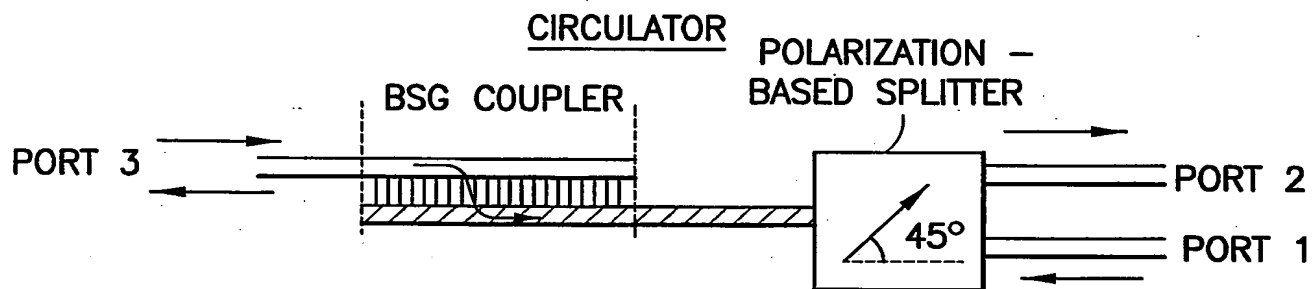


FIG.29b

BSG ENHANCED FARADAY ROTATOR, COUNTER-DIRECTIONAL

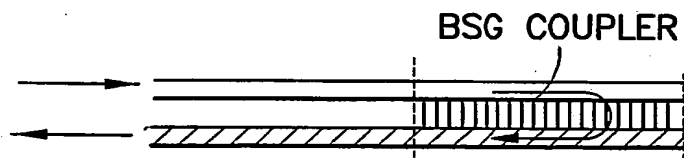


FIG.29c

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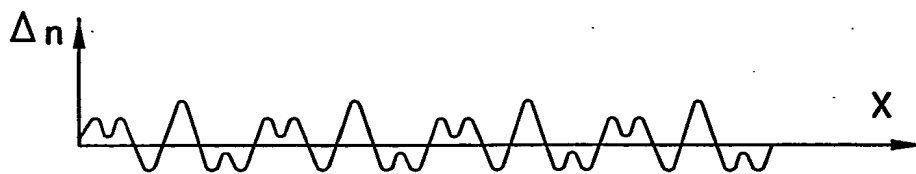


FIG.30

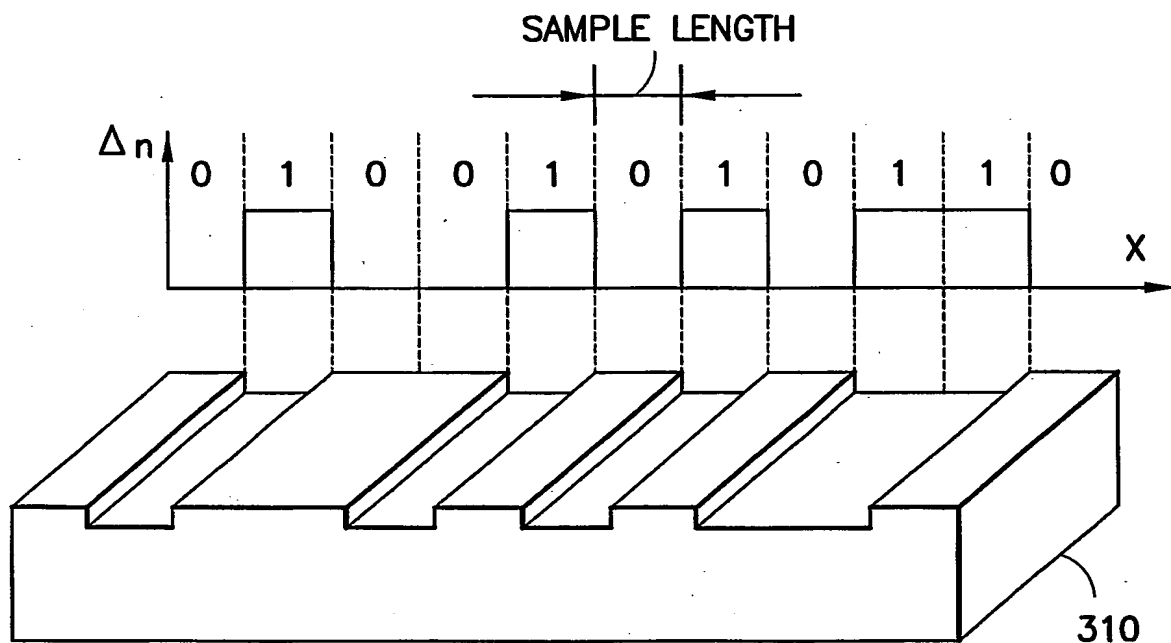


FIG.31

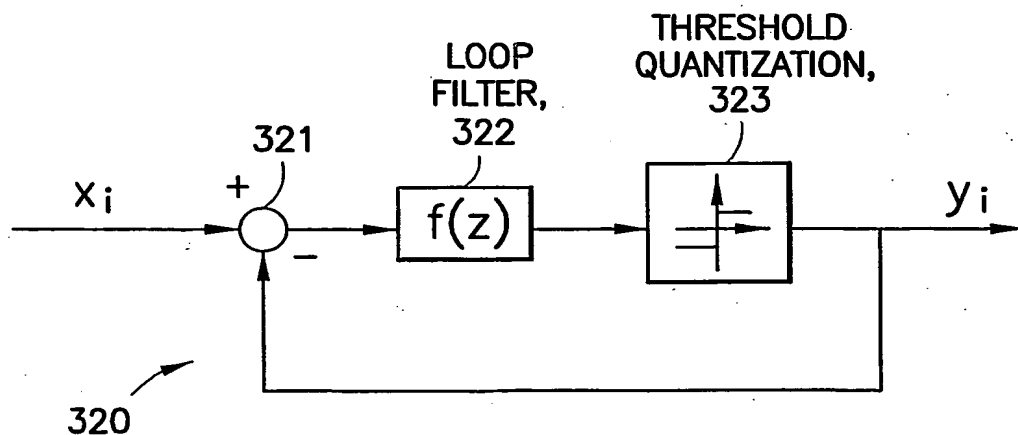


FIG.32

PRIOR ART

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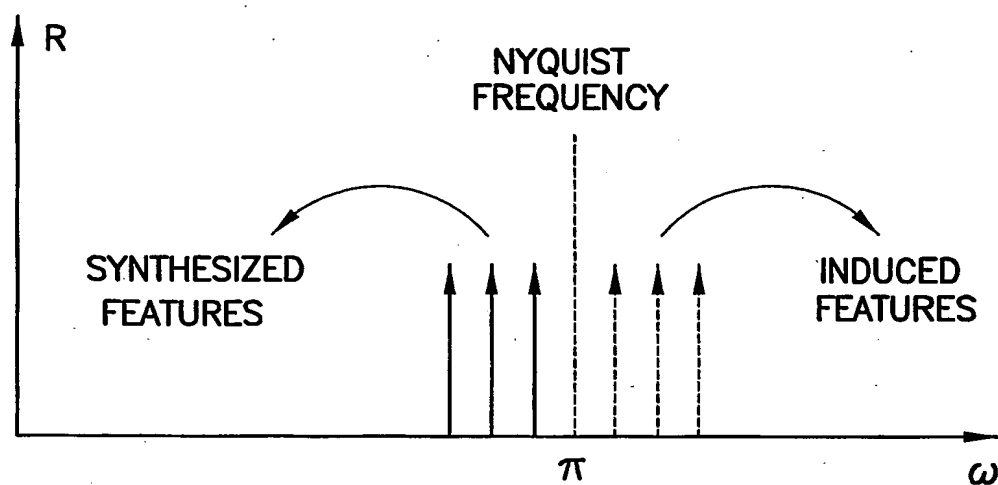


FIG. 33

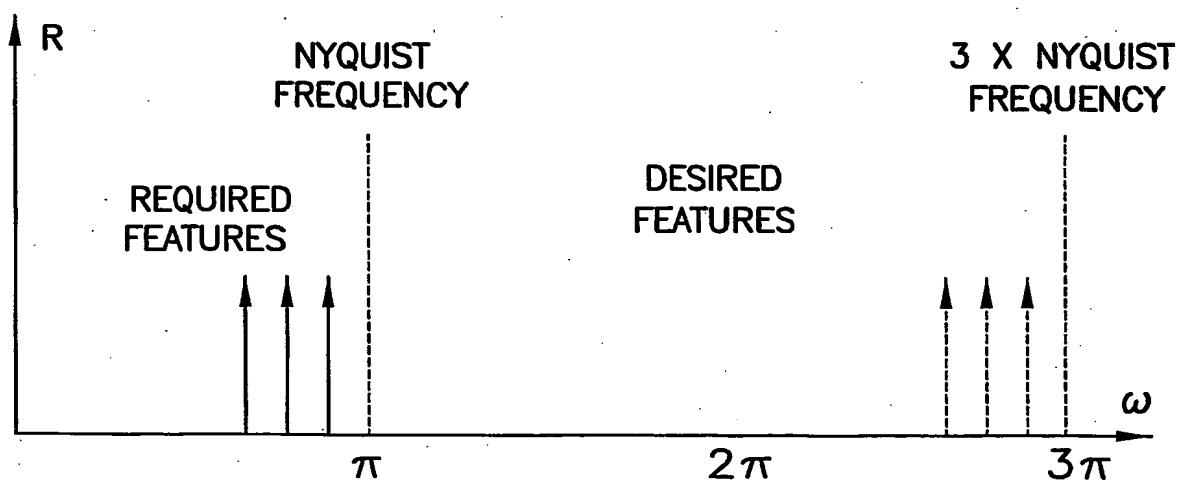


FIG. 34

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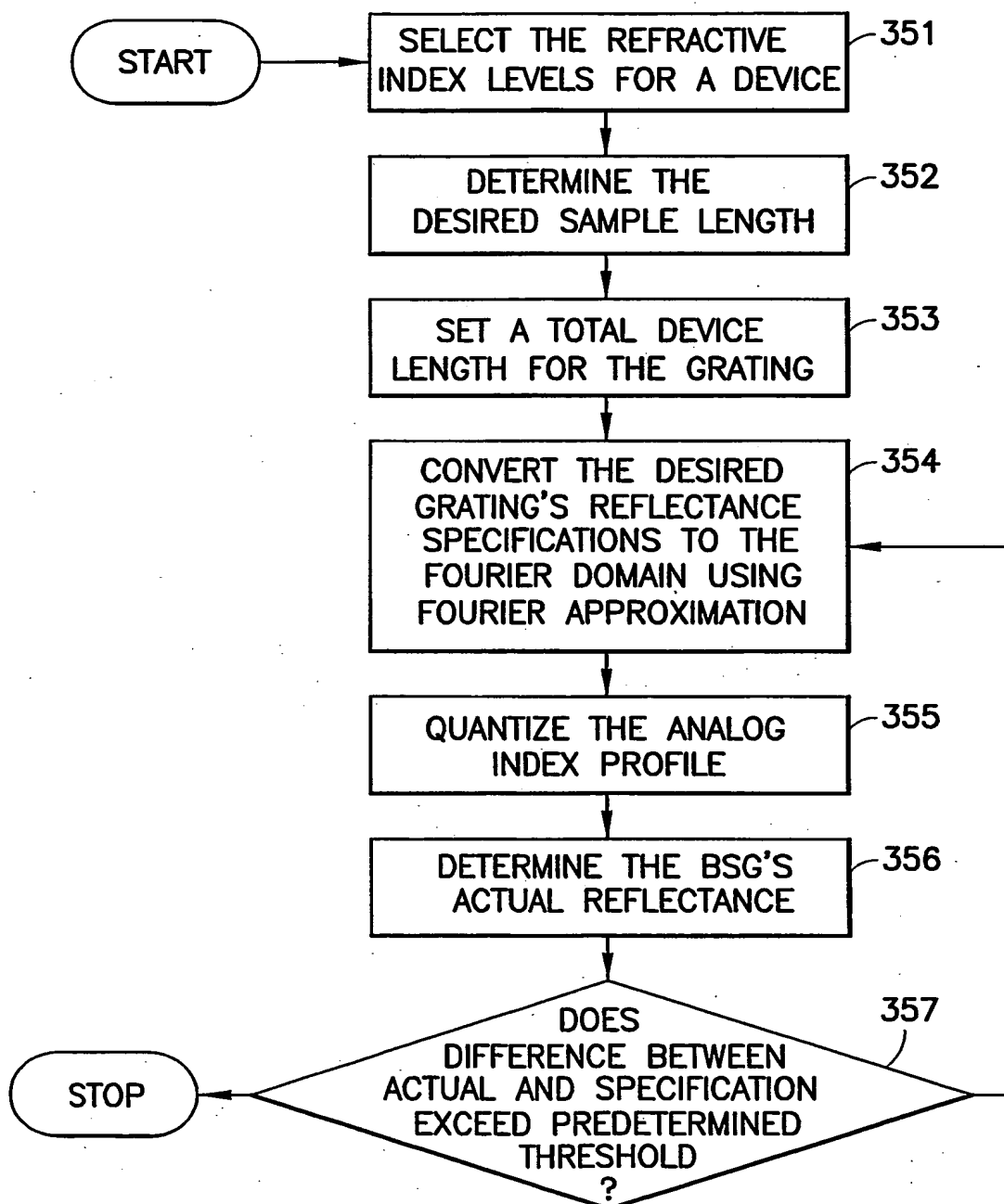


FIG.35

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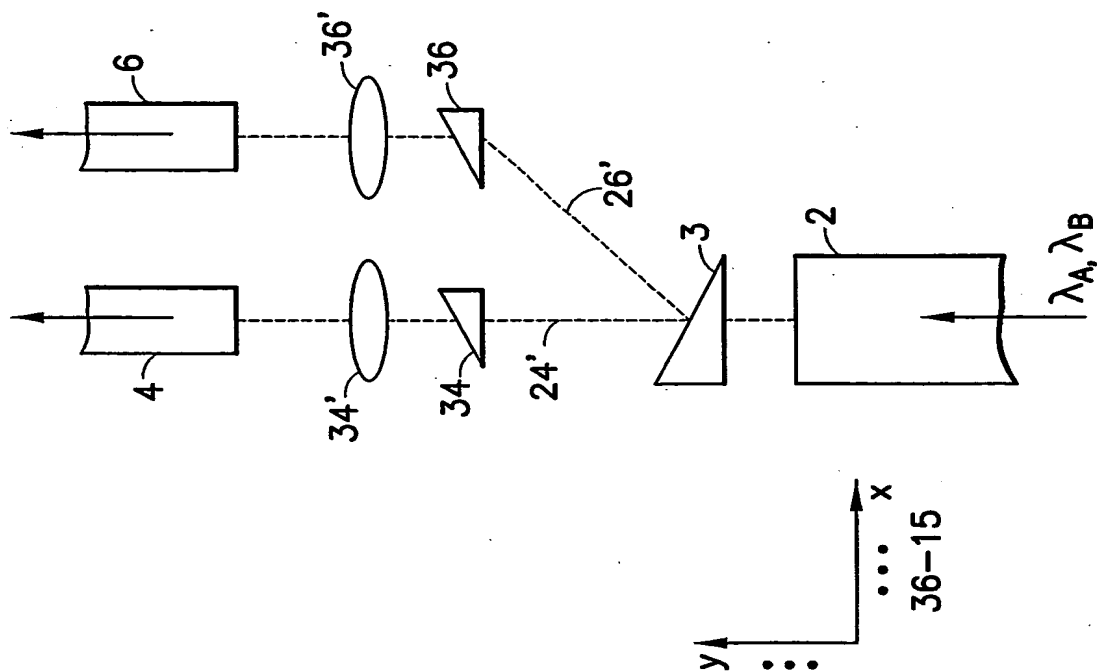


FIG. 36b

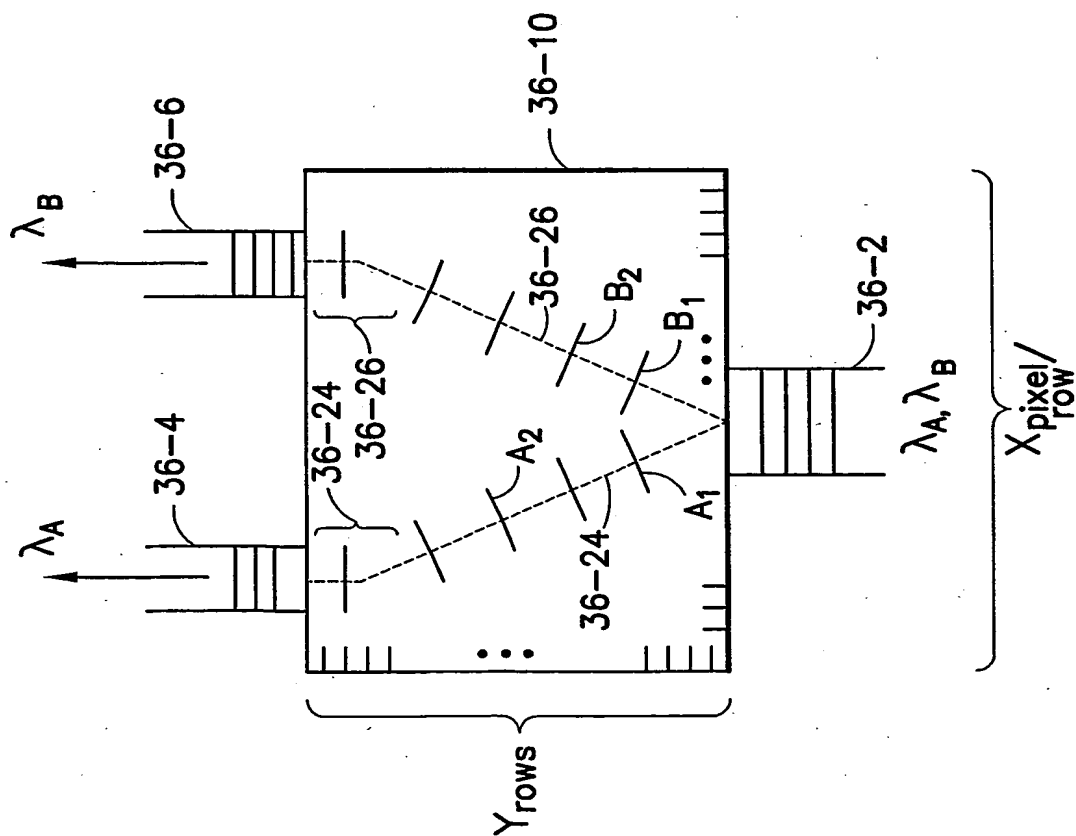
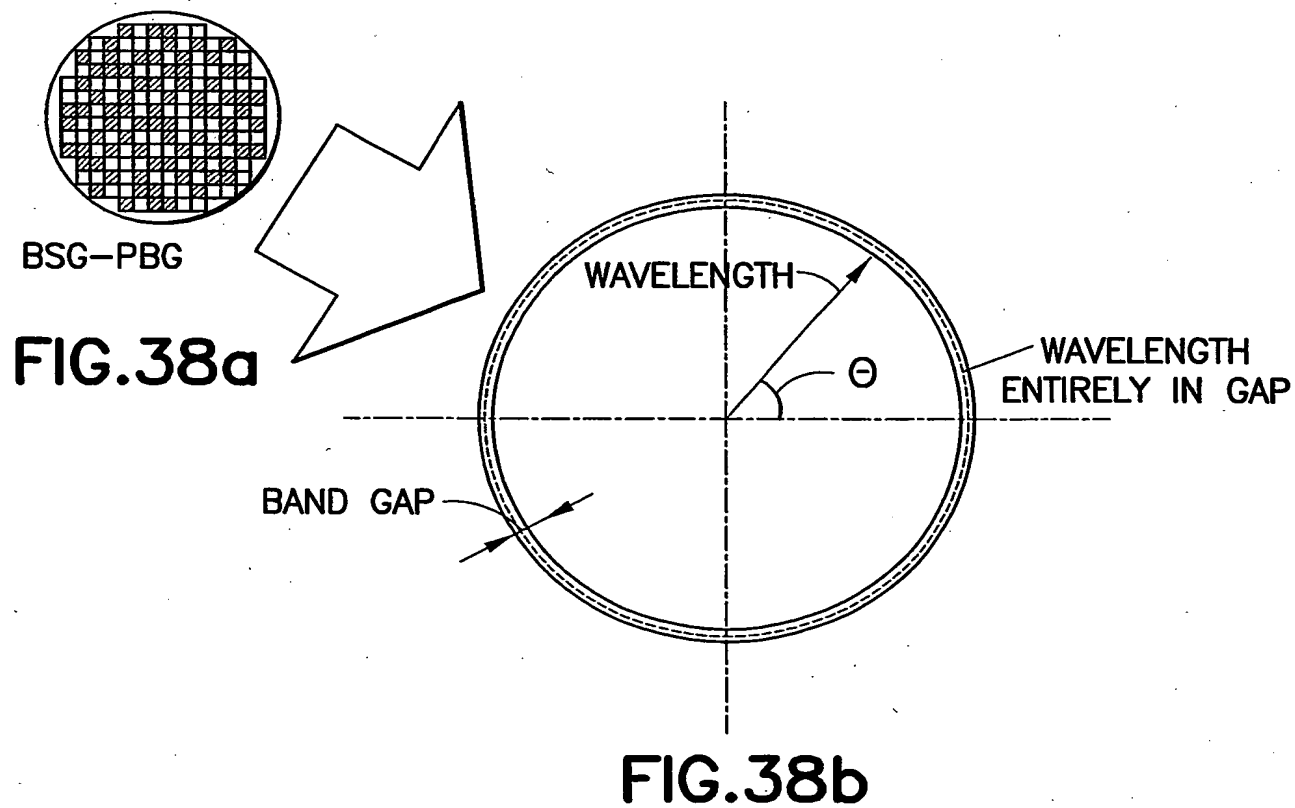
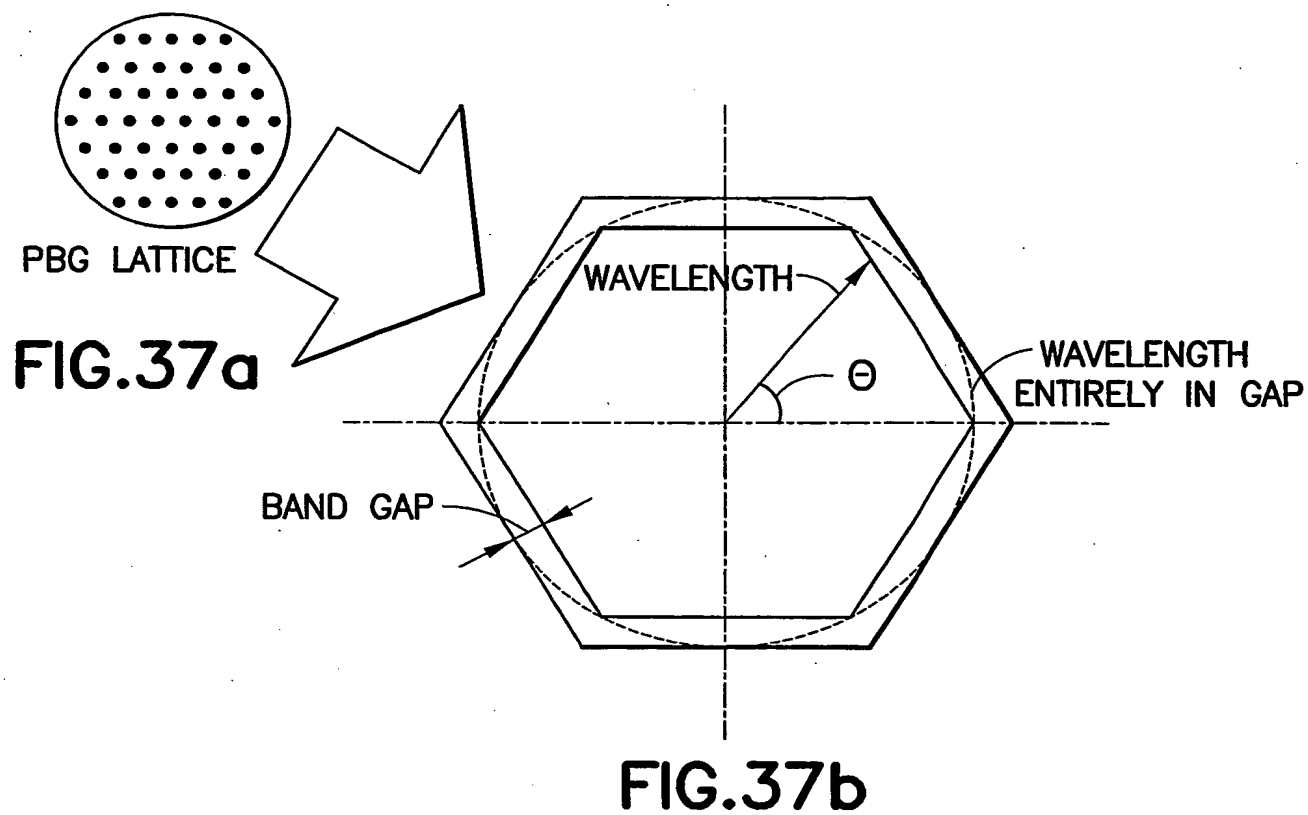


FIG. 36a

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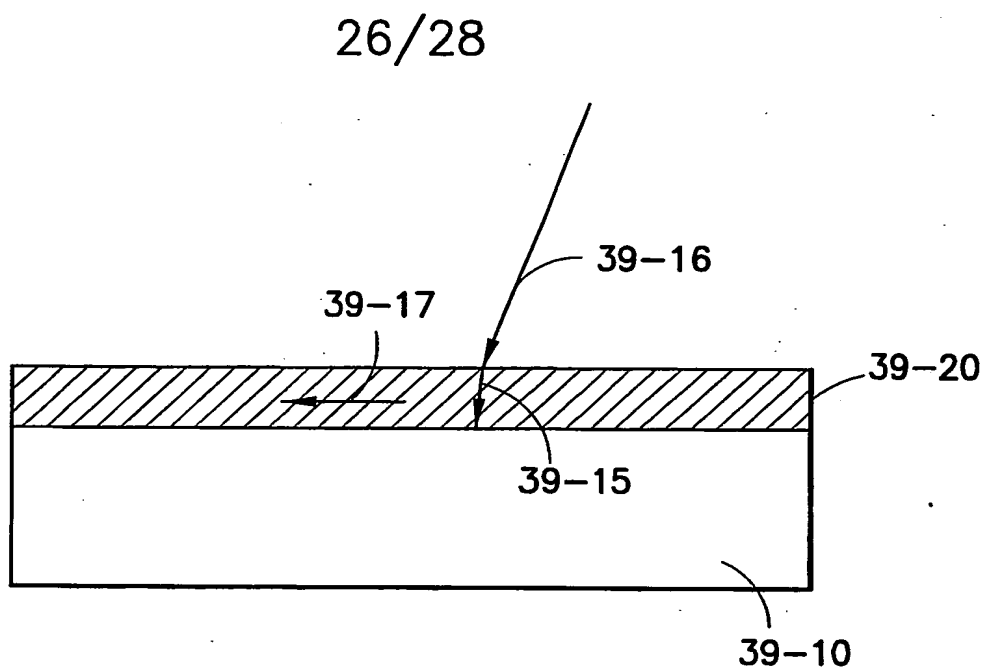


FIG.39

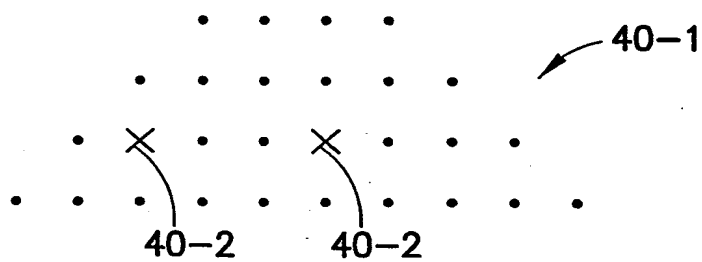


FIG.40

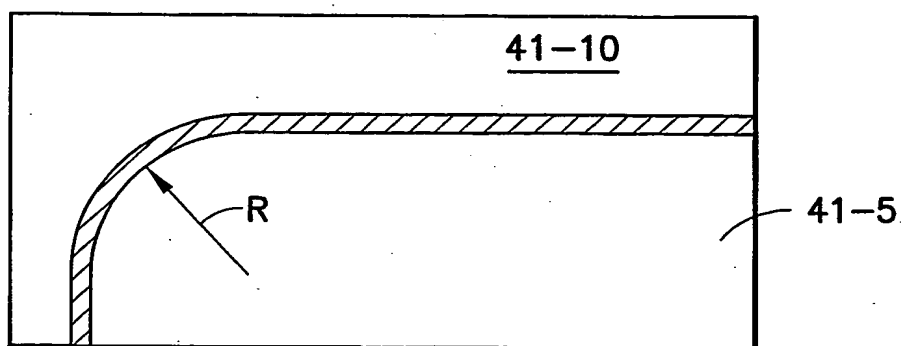


FIG.41

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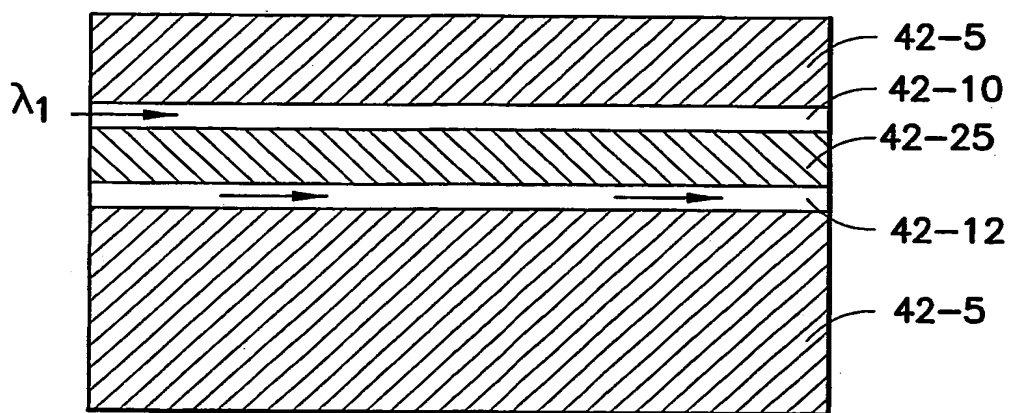


FIG. 42

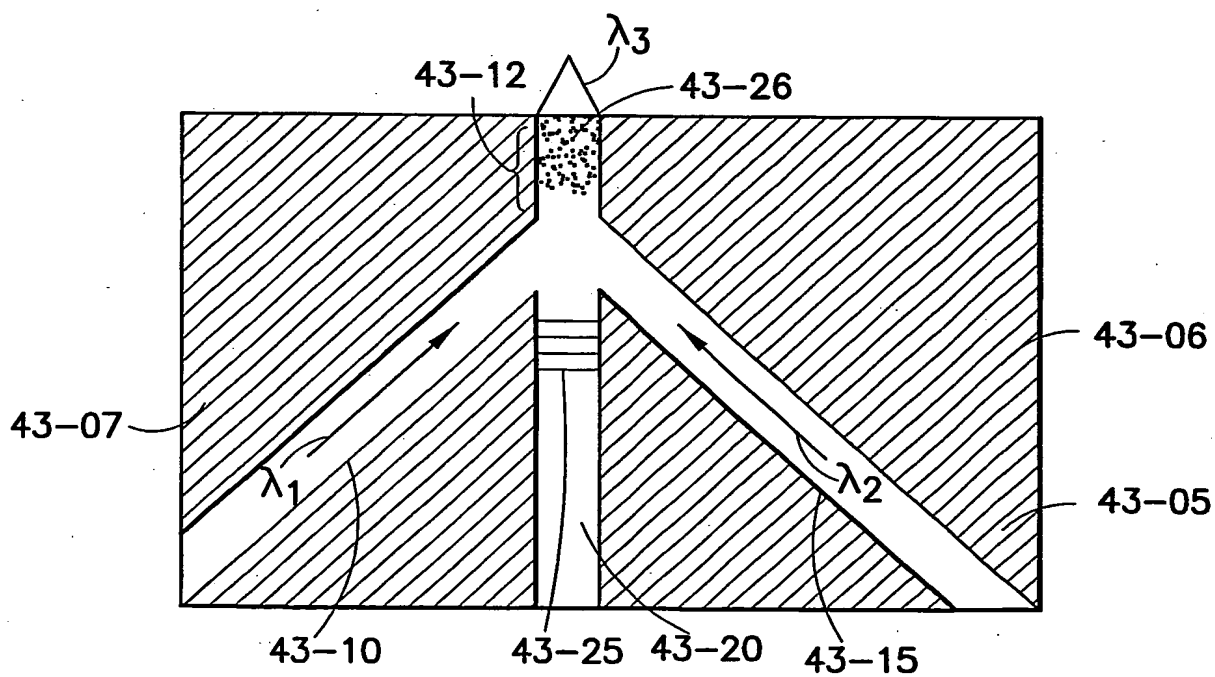


FIG. 43

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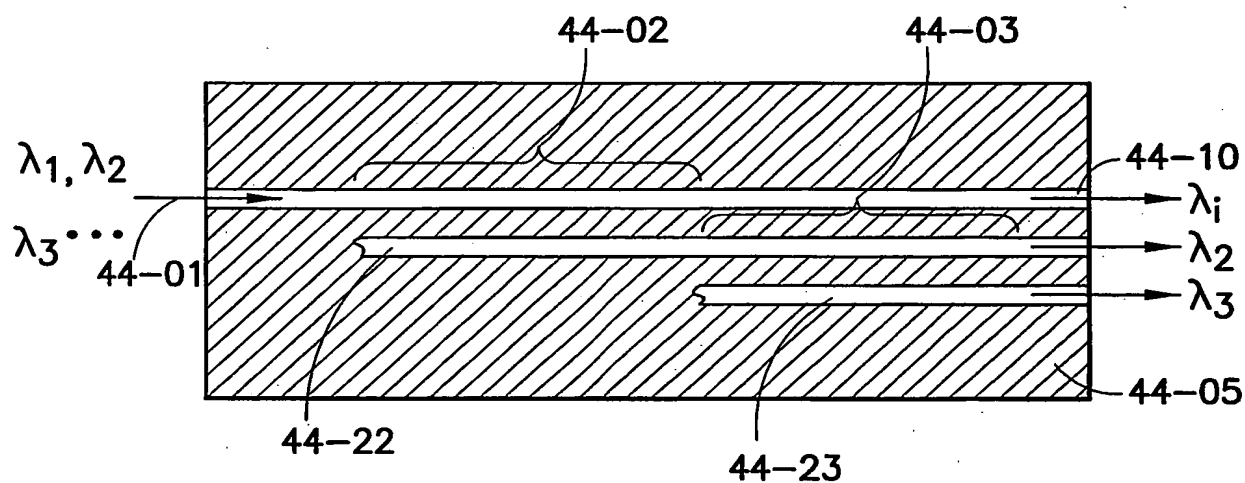


FIG. 44

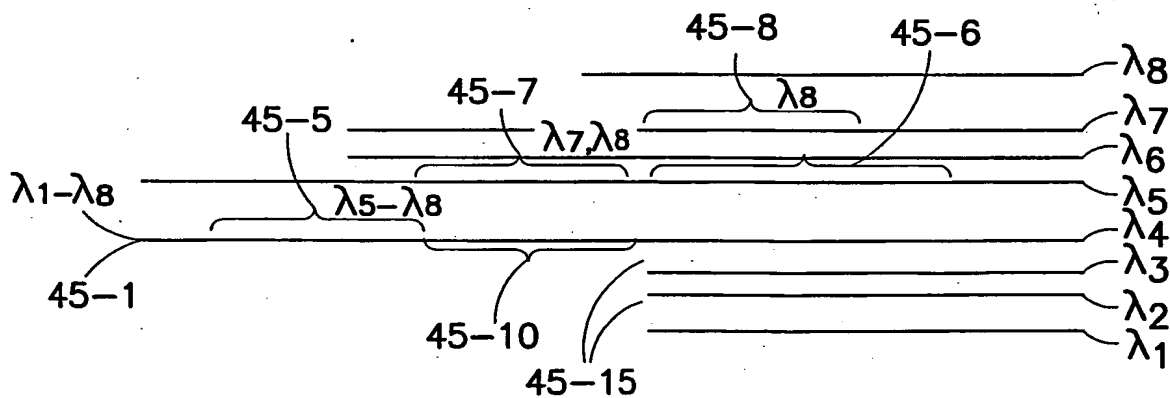


FIG. 45